Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Friday 25 Dec 2020 until 23:59 on Saturday 26 Dec 2020

Forecast Issued on Thursday 24 Dec 2020 at 11:20

Confidence: High confidence for a bright start to Christmas Day but a deep low affecting the country on Boxing Day bringing strong winds and rain. Also high confidence for a change to very cold conditions and wintry showers. Lower confidence for location of wintry showers.

Headline for Friday 25 Dec 2020: A dry and bright start to Christmas but clouding over with light rain later. Strong winds.

Mountain weather hazards on Friday 25 Dec 2020

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Clear night	Clear night	Sunny intervals	Sunny intervals	Cloudy	Dull	Light rain showers (night)
Precipitation probability							
<05%	<05%	<05%	10%	10%	40%	40%	40%

Forecast for Friday 25 Dec 2020

Weather: More in the way of cloud after midnight but still clear spells and a moderate frost. It will be a dry and bright start to the day with a moderate frost likely. Some sunny intervals during the morning but increasing cloud as the day wears on. During the afternoon it will become quite dull with a few outbreaks of sleet, drizzle or light rain showers possible by late afternoon. Rain becoming a bit more persistent for a time later in the evening.

Chance of cloud free mountain/hill tops above 600m: 80% for much of the day there will only be high level cloud but by mid afternoon some lower cloud may shroud the tops at times, particularly in the west.

Visibility: Mainly very good, perhaps moderate in light rain outbreaks during the evening.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Friday 25 Dec 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/22 N	8/13 W	7/14 NW	8/11 W	10/17 W	12/20 SW	20/31 W	20/31 W	22/33 SW
300	7/18 NW	7/13 NW	5/14 NW	2/9 W	5/13 W	6/18 W	12/27 W	13/28 W	14/30 W
Valley	7/18 N	2/7 N	1/6 NE	1/3 NE	1/6 W	3/9 W	6/21 W	11/25 W	14/30 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-3/-9	-4/-9	-3/-8	-2/-7	-1/-6	0/-5	1/-5	2/-4	3/-2
300	-2/-6	-2/-6	-3/-6	-2/-5	1/-1	2/-2	3/-1	4/0	5/1
Valley	-1/-5	-3/-6	-4/-6	-2/-4	1/-0	2/0	4/1	6/2	7/3
Freezing Level*	00m	00m	00m	00m	100m	400m	900m	1200m	1300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Freezing level lifting quite quickly during the day so any precipitation in the afternoon will be rain. Northwesterly winds backing southwesterly and strengthening as milder air pushes in across the area.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Thu 24 Dec 2020	1mm	3.2mm	5.8mm

Forecast for Saturday 26 Dec 2020

Weather: Mainly dry and cloudy in the early hours with a few rain showers but thicker cloud and rain will spread across the Yorkshire Dales during the morning and it will be very windy, possibly storm force on the hill tops. A few sleety showers for the highest tops.

Maximum wind: Southwesterly 30-35mph gusts 50-55mph, gusts around 65mph likely on higher tops.

Chance of cloud free mountain/hill tops above 600m: 30% chance, most of the tops will be shrouded by extensive low cloud with a base around 400m especially in the west, in the east cloud bases will be around 600m and there will be a few more gaps.

Visibility: Mainly poor especially in rain in the afternoon. Perhaps moderate for a time in the morning.

Temperature: **Valleys:** Plus 6 Celsius.
At 600m: Plus 2 Celsius
Freezing level: Around 1000m

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